Missouri Water Utility Partnership - July 8, 2010



Project Totals: \$6,500,000

Automatic Meter Reading System – approx. \$6,000,000

- Sensus iPERL residential water meters
- Calibrate & retrofit commercial water meters
- Install highly secure, fixed base radio antenna stations
- Integrate radio read software with existing billing software
- Commission system
- Staff training

Business Model:	Performance Contracting
Prime Contractor:	Siemens Industry, Inc.
Utility Partners:	None
Funding Source:	Municipal Lease

Annual Project Metrics		
Est. Increase Billed Water	Est. New City Revenue	Est. Ops. Savings
50,667,000	\$140,000	\$250,000





Annual Savings		
kilowatt Hours Electricity	Dollars	
1,226,460	\$ 58,870	



Wastewater Plant Improvements – approx. \$500,000

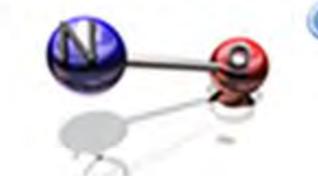
- Remove one existing positive displacement blower
- Install new energy efficient Turblex direct drive blower
- Lighting fixture retrofit

Business Model:	Design Build
HDR	HDR, Inc.
Utility Partners:	None
Funding Sources:	(1) Energize MO Communities Grant, (2) MDNR - \$352,843; (2) Municipal Bonds

This will prevent the following greenhouse gases from being released into the atmosphere



2,790,197 lbs
Carbon Dioxide
(CO2)



4,444 lbs Nitrogen Oxide (NOx)



10,808 lbs Sulfur Dioxide (SO2)

